

Title (en)

LONG LENGTH IMAGING USING DIGITAL RADIOGRAPHY

Title (de)

LANGLÄNGEN-BILDGEBUNG MIT DIGITALER RADIOGRAPHIE

Title (fr)

IMAGERIE PAR RECONSTRUCTION FAISANT APPEL À LA RADIOGRAPHIE NUMÉRIQUE

Publication

**EP 2101647 A1 20090923 (EN)**

Application

**EP 07862504 A 20071203**

Priority

- US 2007024840 W 20071203
- US 61328906 A 20061220

Abstract (en)

[origin: US2008152088A1] A method for long length imaging with a digital radiography apparatus. Setup instructions are obtained for the image and a set of imaging positions is calculated for an exposure series according to the setup instructions. An operator command is obtained to initiate an imaging sequence. The imaging sequence is executed for each member of the set of imaging positions in the exposure series by automatically repeating the steps of positioning a radiation source and a detector at a location corresponding to the specified member of the set of imaging positions and obtaining an image from the detector at that location and storing the image as a partial image. The long length image is generated by combining two or more partial images.

IPC 8 full level

**A61B 6/00** (2006.01); **A61B 6/06** (2006.01)

CPC (source: EP US)

**A61B 6/02** (2013.01 - EP US); **A61B 6/5241** (2013.01 - EP US); **A61B 6/542** (2013.01 - EP US); **A61B 6/545** (2013.01 - EP US); **G03B 42/02** (2013.01 - EP US); **H04N 5/2624** (2013.01 - EP US); **H04N 5/32** (2013.01 - US); **H04N 23/30** (2023.01 - EP); **A61B 6/06** (2013.01 - EP US); **A61B 6/4441** (2013.01 - EP US); **A61B 6/4476** (2013.01 - EP US); **H04N 5/32** (2013.01 - EP)

Designated contracting state (EPC)

AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC MT NL PL PT RO SE SI SK TR

DOCDB simple family (publication)

**US 2008152088 A1 20080626**; **US 7555100 B2 20090630**; CN 102316806 A 20120111; CN 102316806 B 20141217; EP 2101647 A1 20090923; WO 2008088480 A1 20080724

DOCDB simple family (application)

**US 61328906 A 20061220**; CN 200780046584 A 20071203; EP 07862504 A 20071203; US 2007024840 W 20071203